UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

24956

10/647,280

7590

10/05/2004

MATTINGLY, STANGER & MALUR, P.C. 1800 DIAGONAL ROAD **SUITE 370** ALEXANDRIA, VA 22314

08/26/2003

 EXAMINER	
TAN, VIBOL	

ART UNIT

PAPER NUMBER

2819 DATE MAILED: 10/05/2004

FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. FILING DATE

Kazuo Tanaka

2670

TITLE OF INVENTION: LEVEL CONVERSION CIRCUIT AND SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE EMPLOYING THE LEVEL CONVERSION CIRCUIT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	01/05/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax

appropriate. All further cor	respondence including the local or directed otherwise	Patent, advance or	ders and notif	fication of maintenan	ice fees wi	Il be mailed to the current	should be completed where correspondence address as arate "FEE ADDRESS" for
	E ADDRESS (Note: Use Block 1 for	any change of address)		Fee(s) Transi	mittal. This	certificate cannot be used	or domestic mailings of the for any other accompanying ent or formal drawing, must
24956 75	90 10/05/2004			have its own	certificate	of mailing or transmission.	cht of format drawing, must
MATTINGLY, S 1800 DIAGONAL SUITE 370 ALEXANDRIA, V		R, P.C.		I hereby cert States Postal addressed to transmitted to	Cert ify that this Service we the Mail the USPT	ificate of Mailing or Trans is Fee(s) Transmittal is bein th sufficient postage for fi Stop ISSUE FEE address O (703) 746-4000, on the	smission ng deposited with the United rst class mail in an envelope above, or being facsimile date indicated below.
112211111211111							(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED	INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/647,280	08/26/2003		Kazuo 7	Гапака			2670
TITLE OF INVENTION: L CIRCUIT	EVEL CONVERSION CI	RCUIT AND SEM	IICONDUCTO	OR INTEGRATED (CIRCUIT I	DEVICE EMPLOYING TI	HE LEVEL CONVERSION
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE	PUBLICATION I	FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370)	\$300		\$1670	01/05/2005
EXAM	INER	ART UN	IT	CLASS-SUBCLA	SS		
TAN, V	/IBOL	2819		326-068000			
"Fee Address" indicat	ence address (or Change of (2) attached. ion (or "Fee Address" Indica or more recent) attached. Use	Correspondence	(1) the nan or agents C (2) the nan registered 2 registered listed, no n	ting on the patent from the sof up to 3 registed PR, alternatively, the of a single firm (he attorney or agent) and dipatent attorneys or agent attorneys attorne	ered patent aving as a d the name	attorneys 1 member a 2 s of up to	
PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGNI				ear on the patent. If for filing an assignme E: (CITY and STATE			document has been filed for
Please check the appropriate		ries (will not be pr	inted on the pa	atent): 🗖 Individu	nal 🗖 Con	poration or other private gr	oup entity Government
4a. The following fee(s) are a lssue Fee	enclosed:	4b	Payment of I				
	mall entity discount permitte	.4\		n the amount of the fe by credit card. Form I			
	Copies		The Direct	ctor is hereby author	ized by ch	arge the required fee(s), or	credit any overpayment, to
			Deposit Acco	ount Number		(enclose an extra	copy of this form).
	MALL ENTITY status. See	37 CFR 1.27.				L ENTITY status. See 37 C	
The Director of the USPTO NOTE: The Issue Fee and Puinterest as shown by the reco	s requested to apply the Issuablication Fee (if required) was of the United States Pate	te Fee and Publicate vill not be accepted and Trademark	tion Fee (if any I from anyone Office.	y) or to re-apply any other than the applica	previously ant; a regis	paid issue fee to the applic tered attorney or agent; or t	ation identified above. he assignee or other party in
Authorized Signature				Da	te		
Typed or printed name				Re	gistration N	ło	
This collection of information an application. Confidentialists	n is required by 37 CFR 1.3 by is governed by 35 U.S.C.	11. The informatio	n is required to	o obtain or retain a be ection is estimated to	enefit by the take 12 m	e public which is to file (an inutes to complete, includi	d by the USPTO to process) ng gathering, preparing, and

submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

DATE MAILED: 10/05/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/647,280	08/26/2003	Kazuo Tanaka		2670	
24956	7590 10/05/2004		EXAM	INER	
MATTINGLY, STANGER & MALUR, P.C.			TAN, VIBOL		
1800 DIAGONA SUITE 370	L ROAD		ART UNIT	PAPER NUMBER	
ALEXANDRIA,	VA 22314		2819		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

APPLICATION NO.	FII	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/647,280	10/647,280 08/26/2003		Kazuo Tanaka		2670
24956	7590	10/05/2004		EXAM	INER
MATTINGLY, STANGER & MALUR, P.C.		TAN, VIBOL			
1800 DIAGON SUITE 370	AL ROAD			ART UNIT	PAPER NUMBER
ALEXANDRIA	, VA 2231	4		2819	

DATE MAILED: 10/05/2004

Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees will increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 52604, 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

(b) Issue fee for issuing a design patent:

(c) Issue fee for issuing a plant patent:

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.